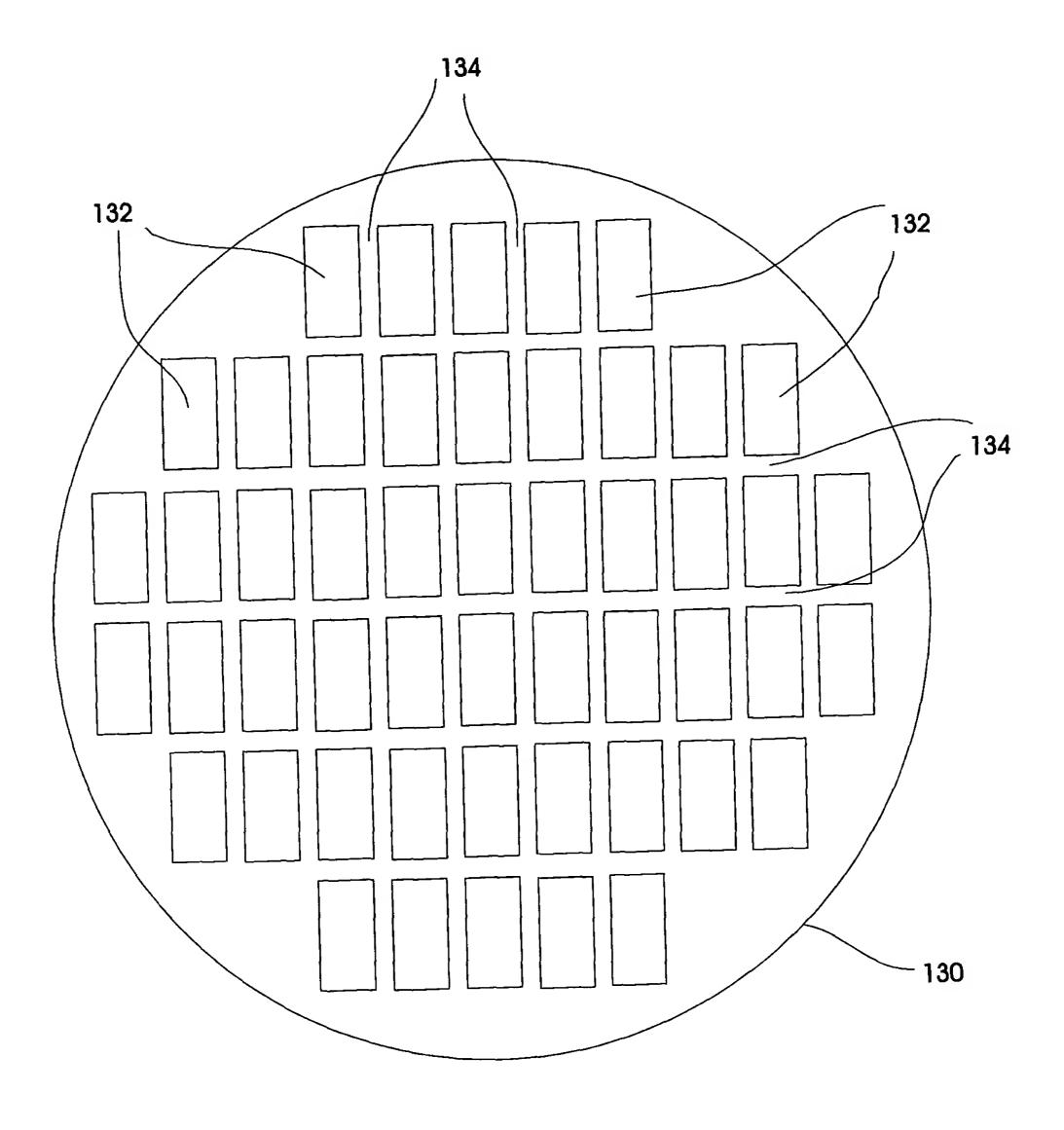


FAN OUT OF INTERCONNECT ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 1 of 39

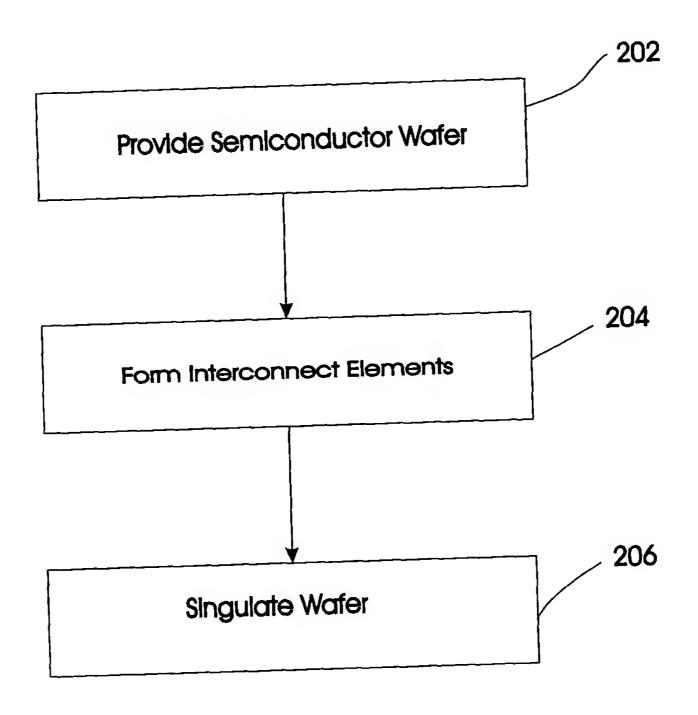


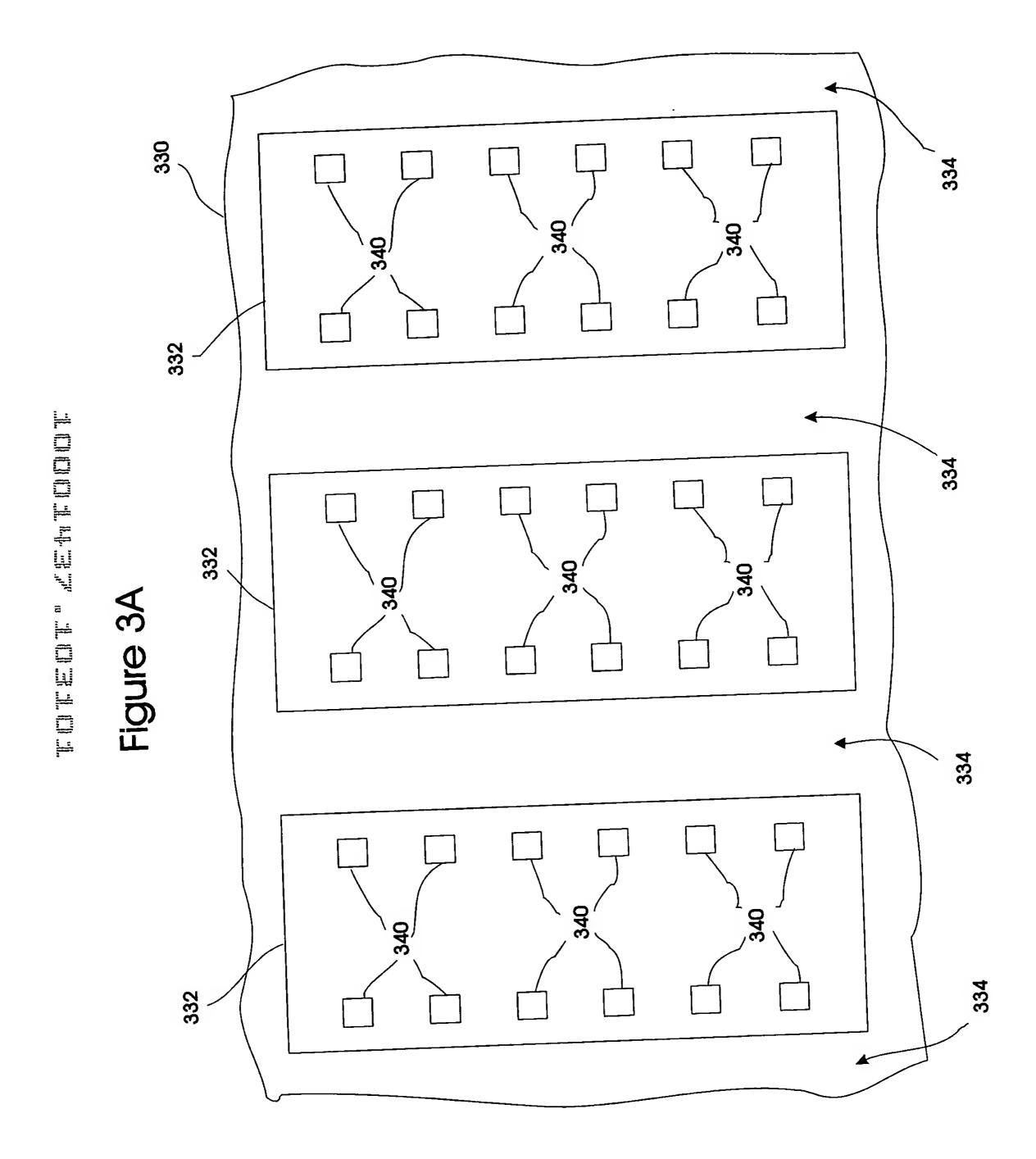
Figure 1

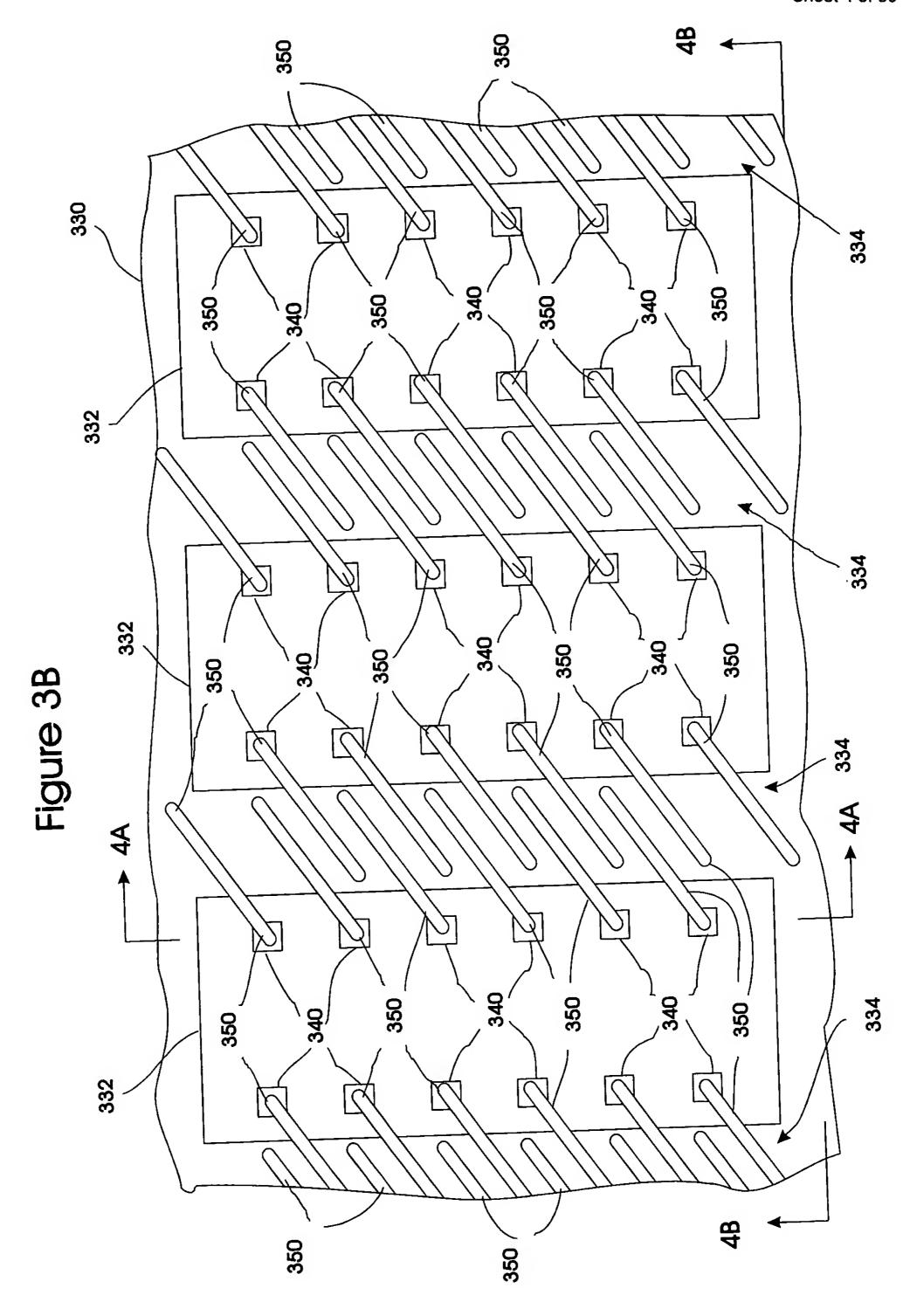


FAN OUT OF INTERCONNECT ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 2 of 39

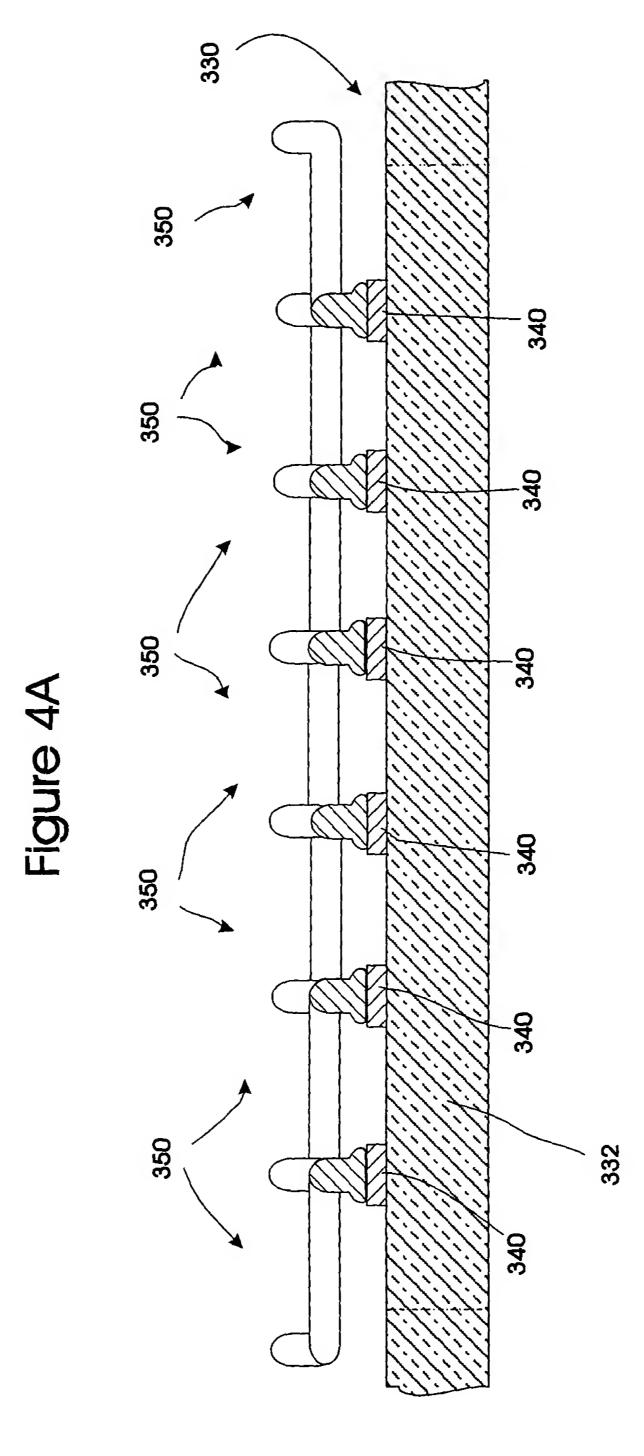
Figure 2



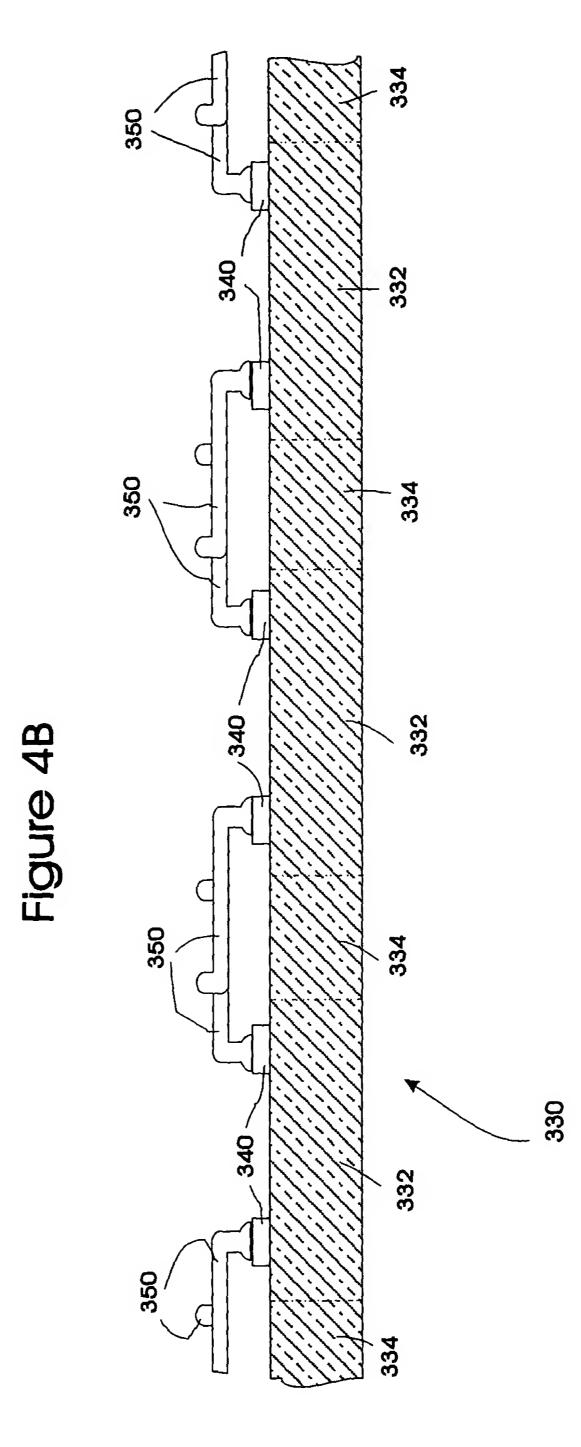




ELEMENTS ATTACH TO SEMICONDUCTOR ER Express Mail No: 438390726US Sheet 5 of 39



ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 6 of 39





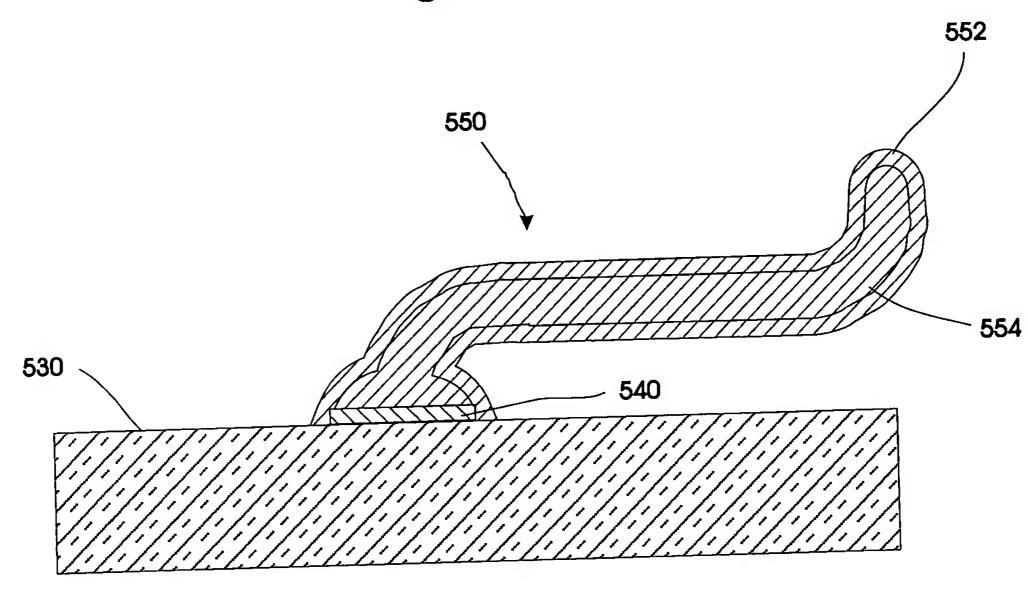


Figure 6A

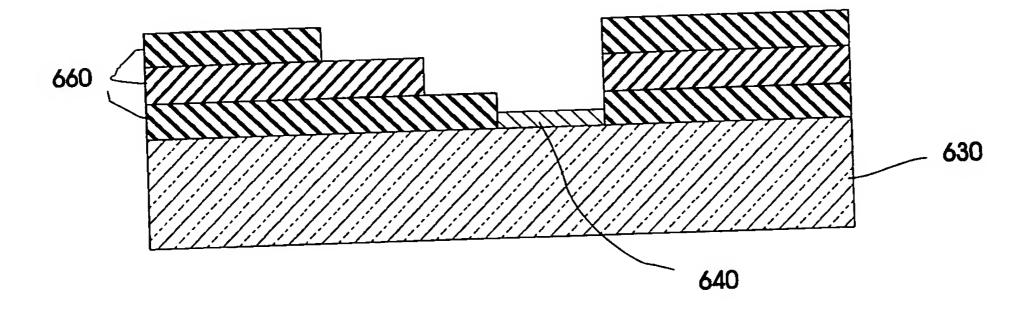


Figure 6B

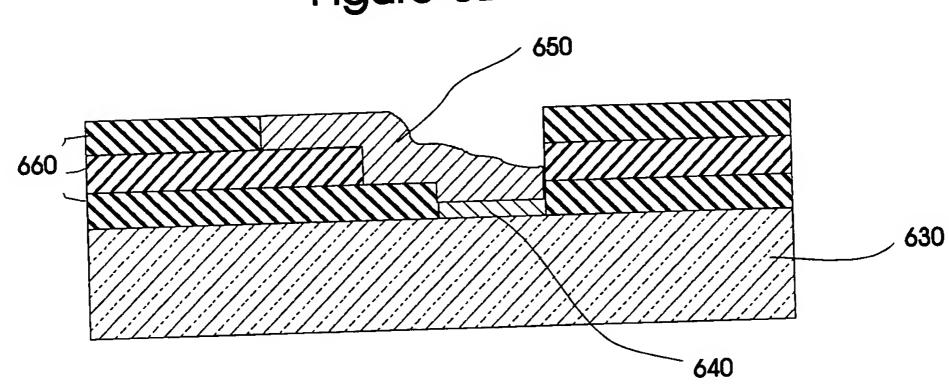


Figure 6C

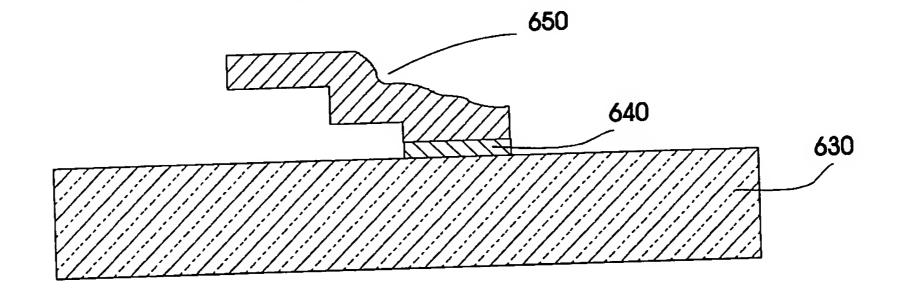


Figure 7A

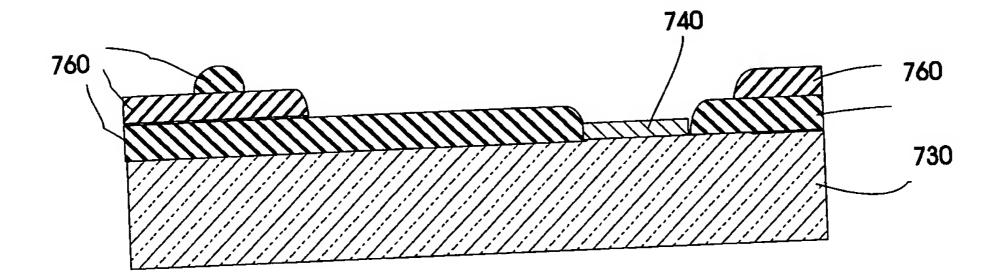


Figure 7B

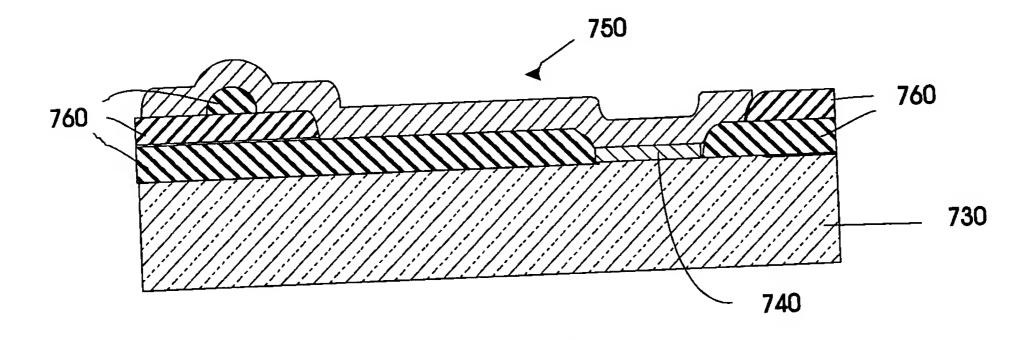


Figure 7C

756

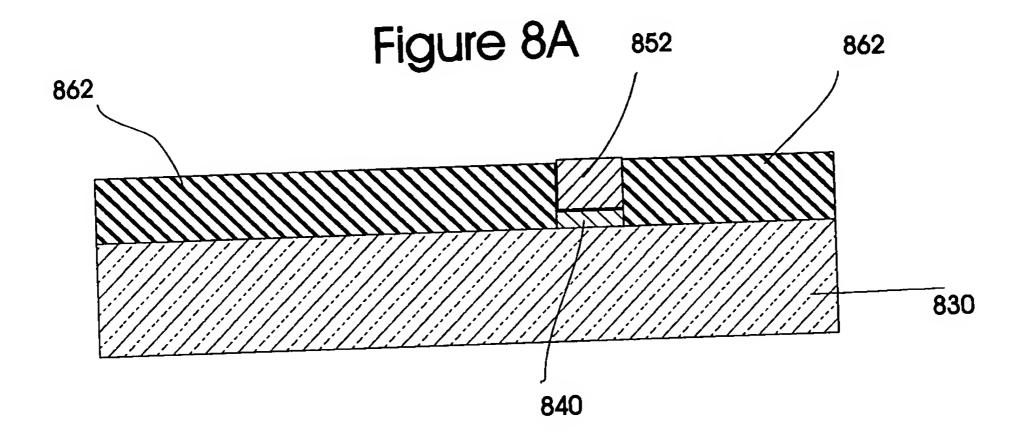
750

754

740

730





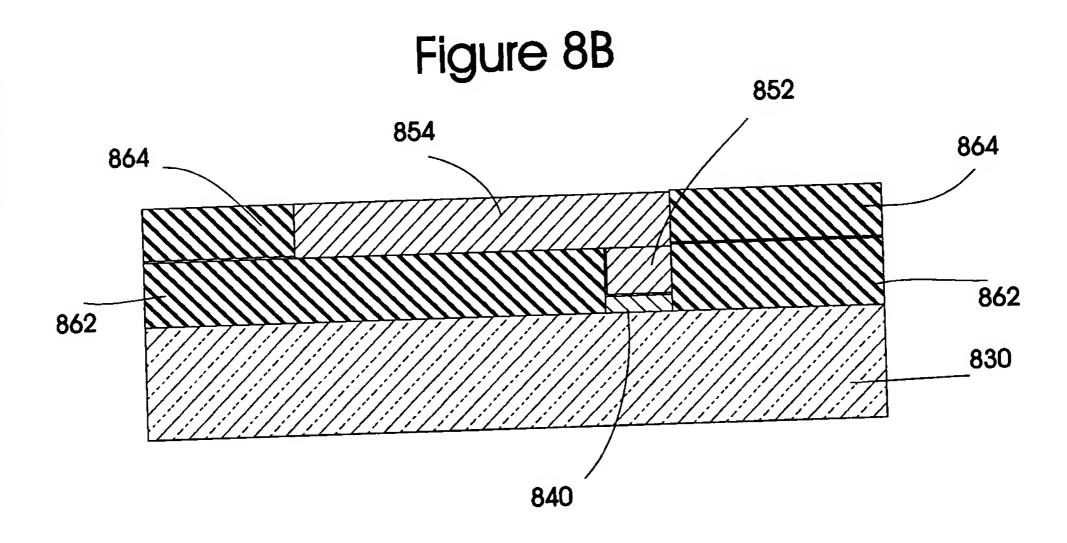


Figure 8C

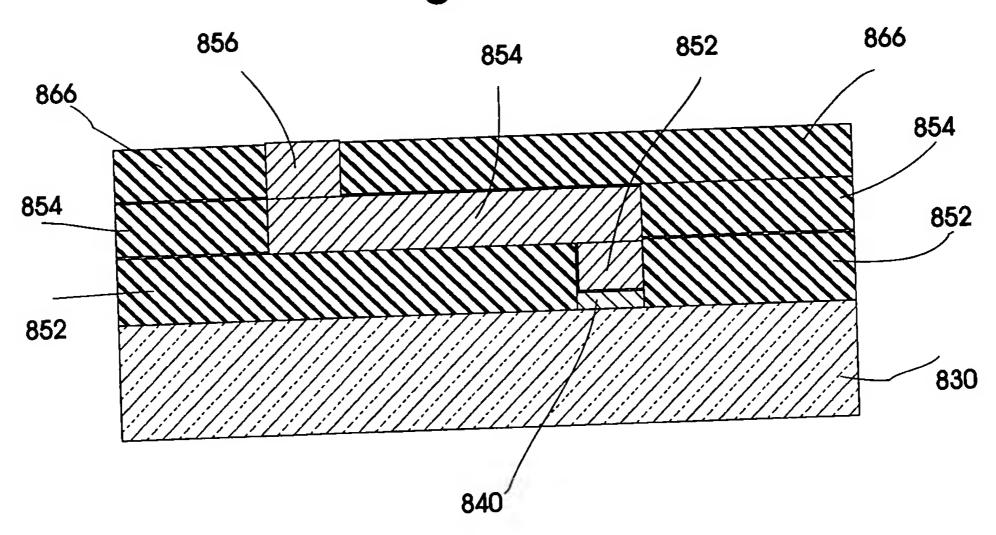
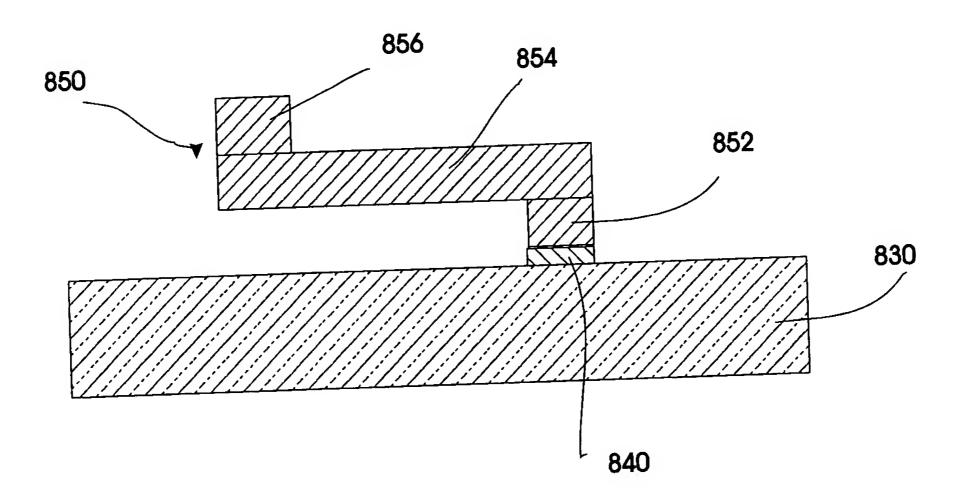
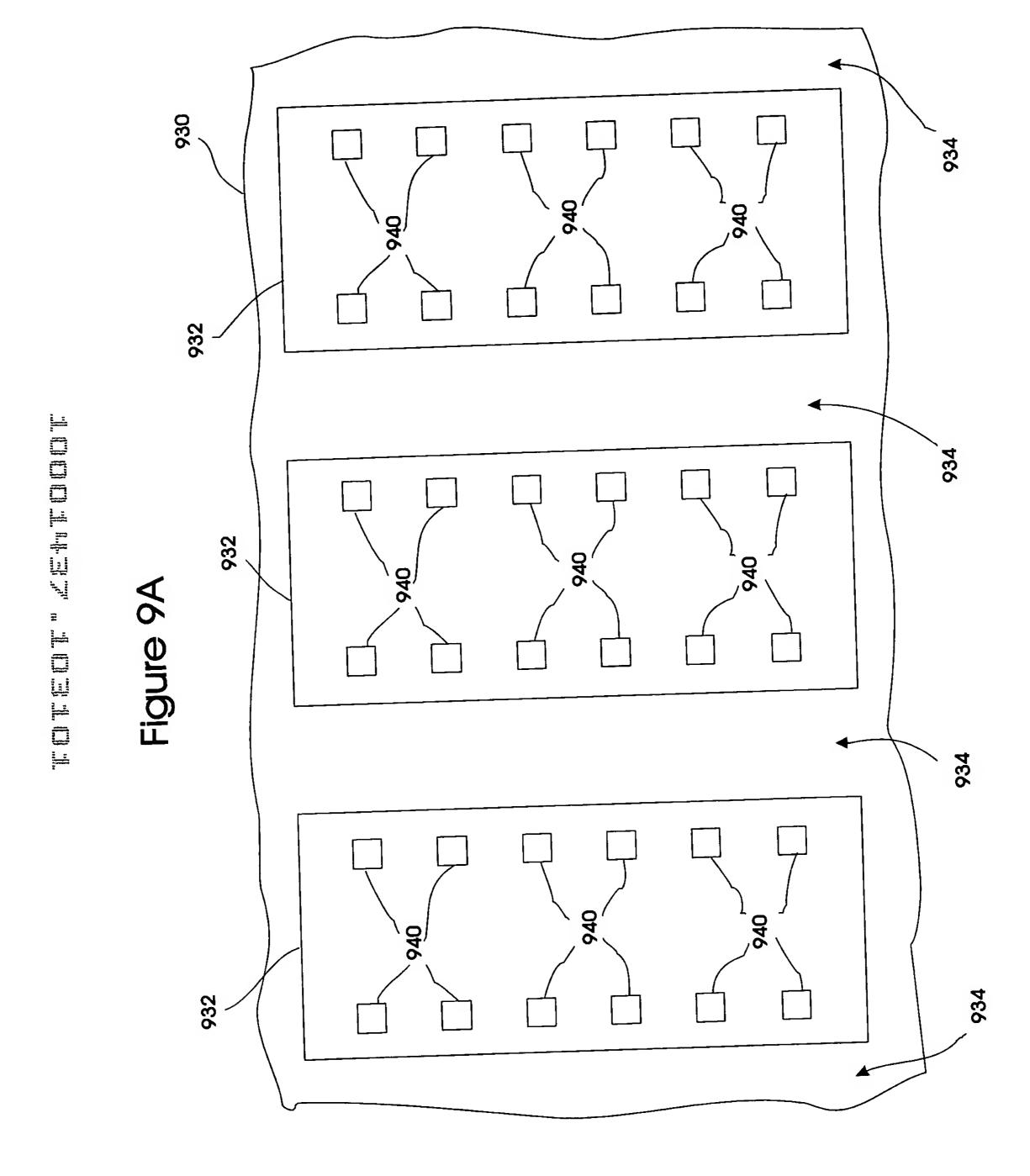
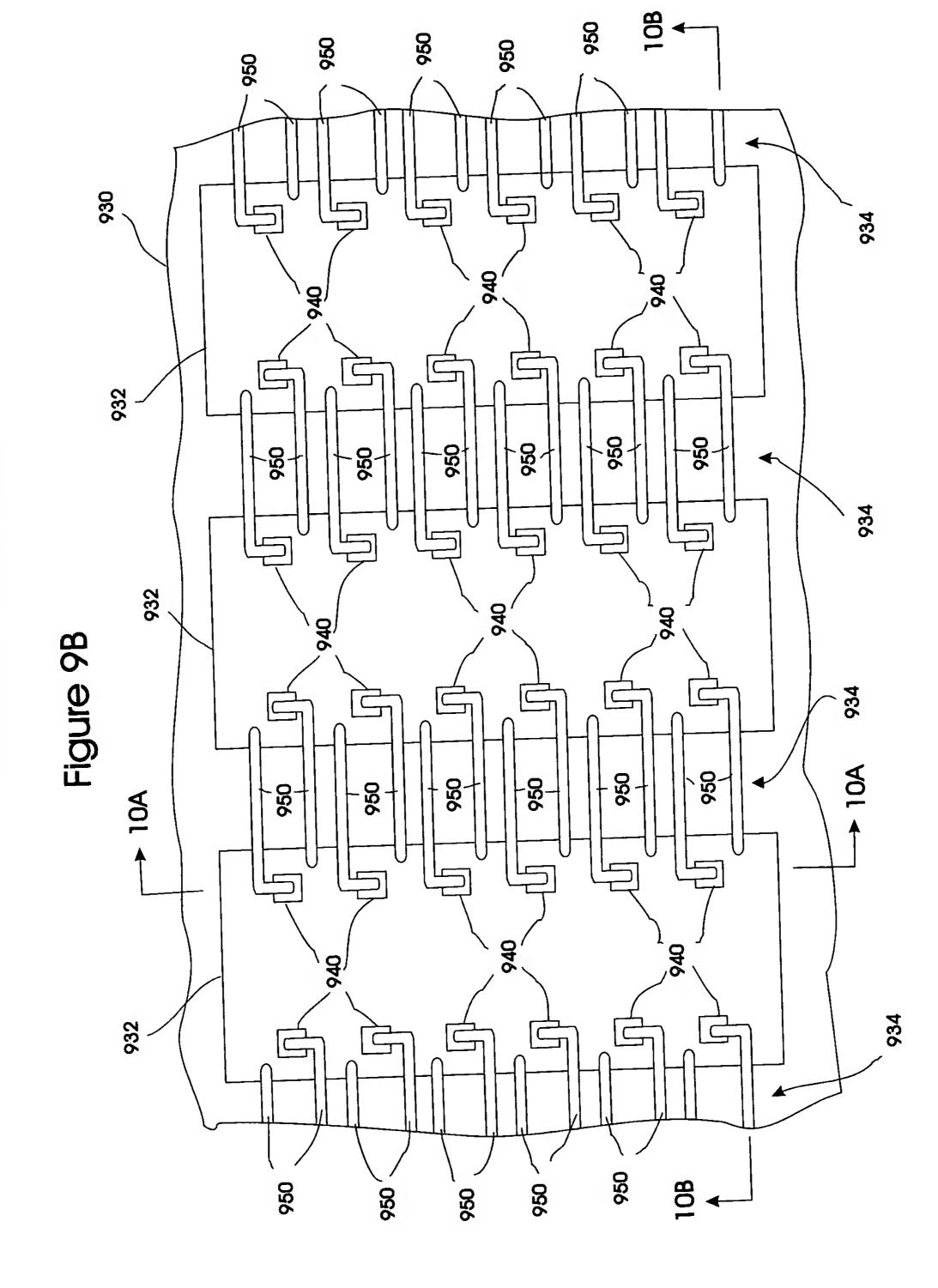


Figure 8D

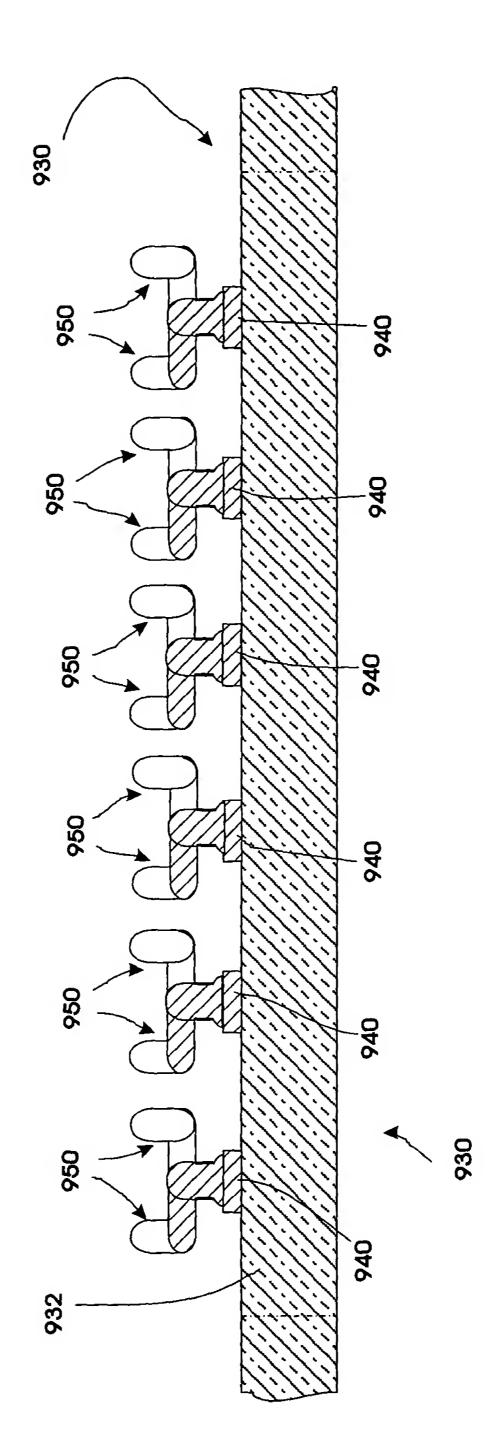






FAN OUT OF INTERCONNECT ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 14 of 39

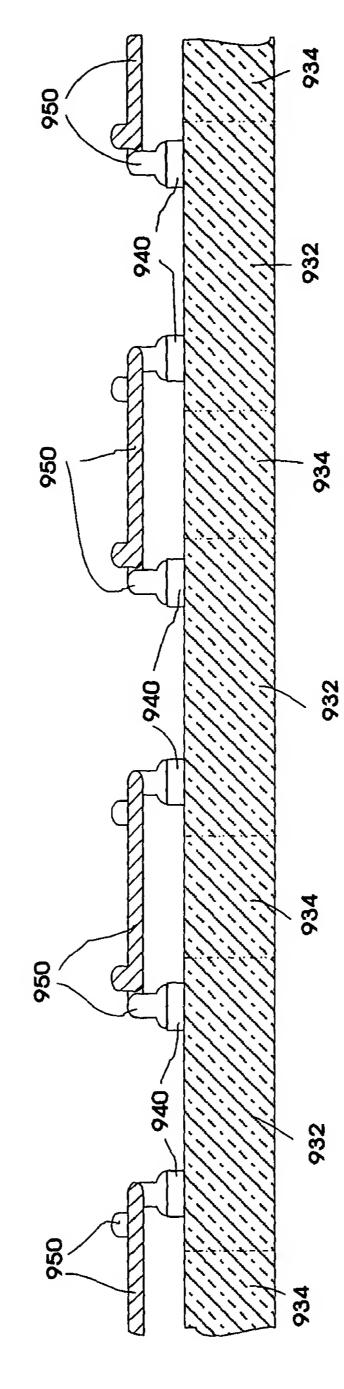
Figure 10A

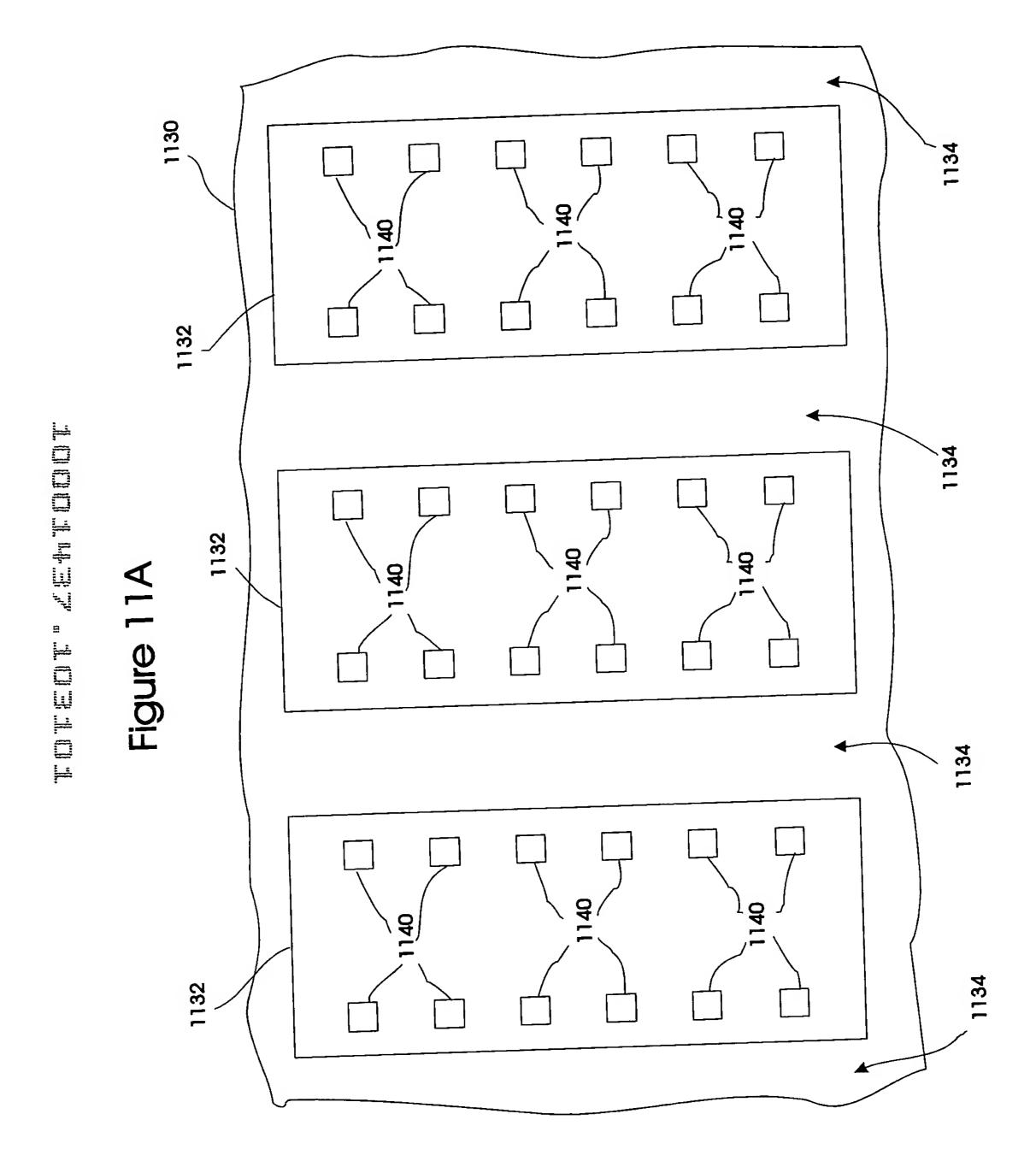


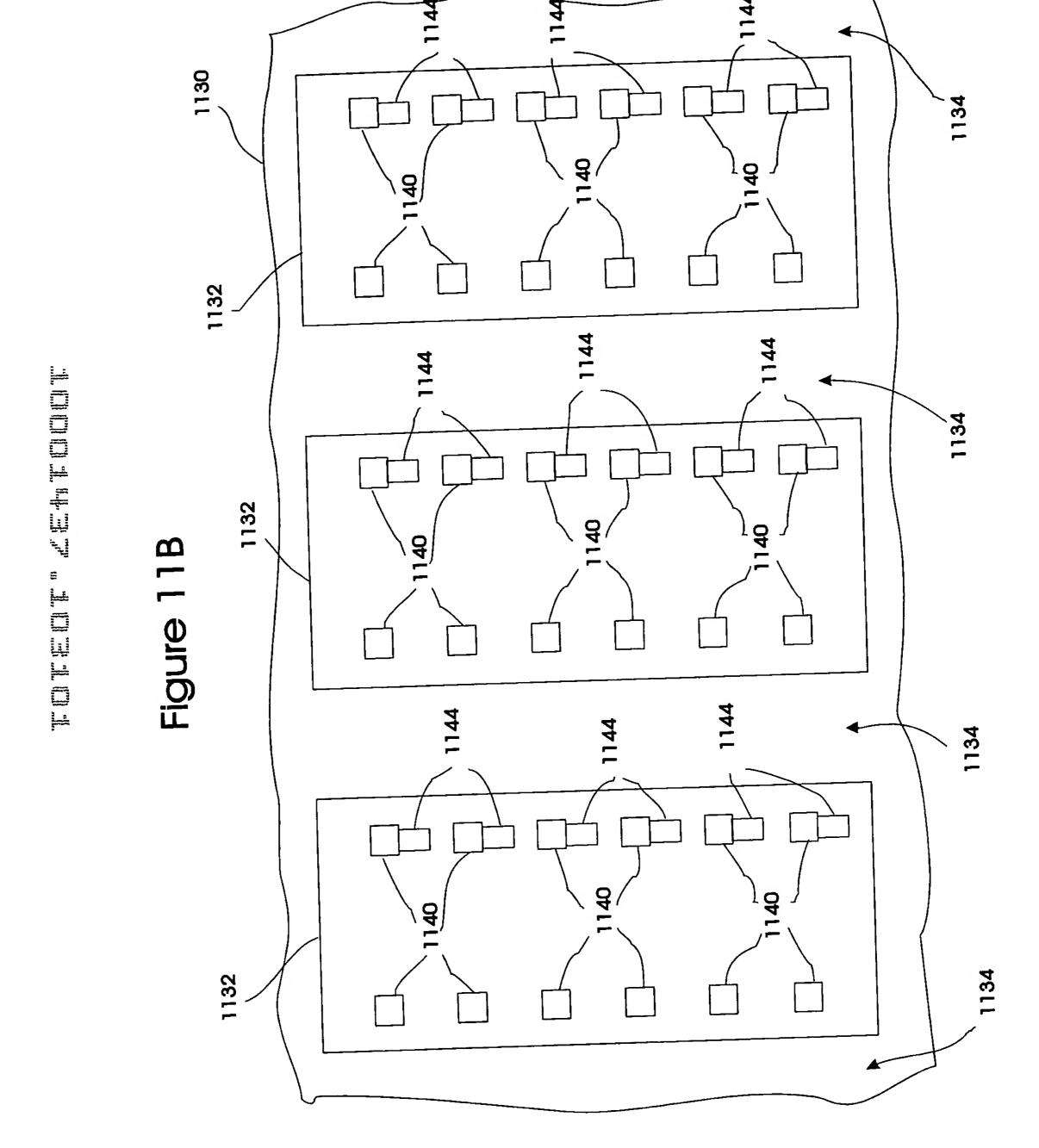
"F" II" I" F" I" I" I" II" II

FAN OUT OF INTERCUNNECT ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 15 of 39

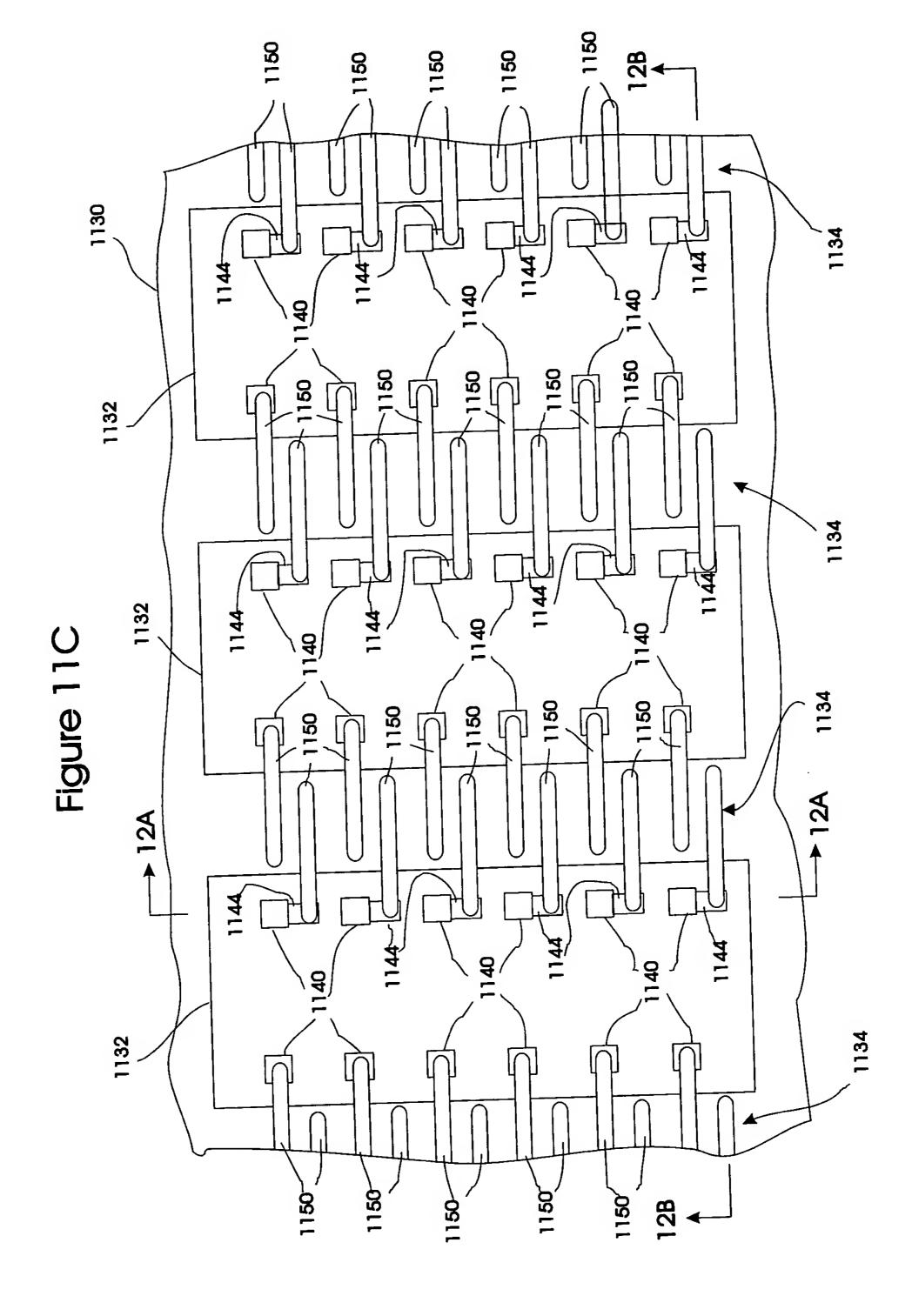
Figure 10B







ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 18 of 39



ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 19 of 39

Figure 12A

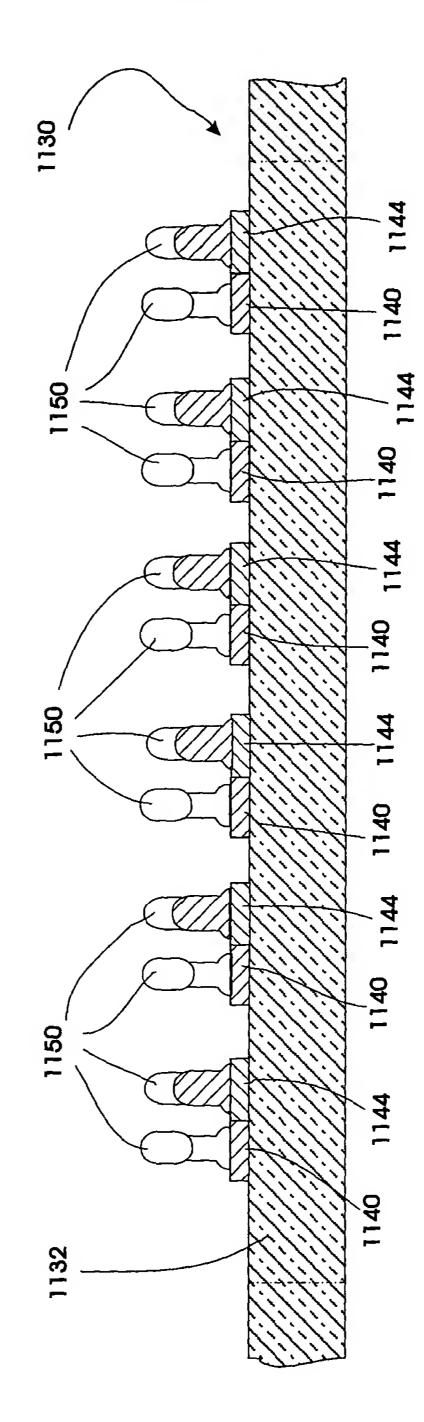


Figure 12B

ELEMENTS ATTACHED T SEMICONDUCTOR WAFE Express Mail No: 43839072605 Sheet 21 of 39

Figure 13A

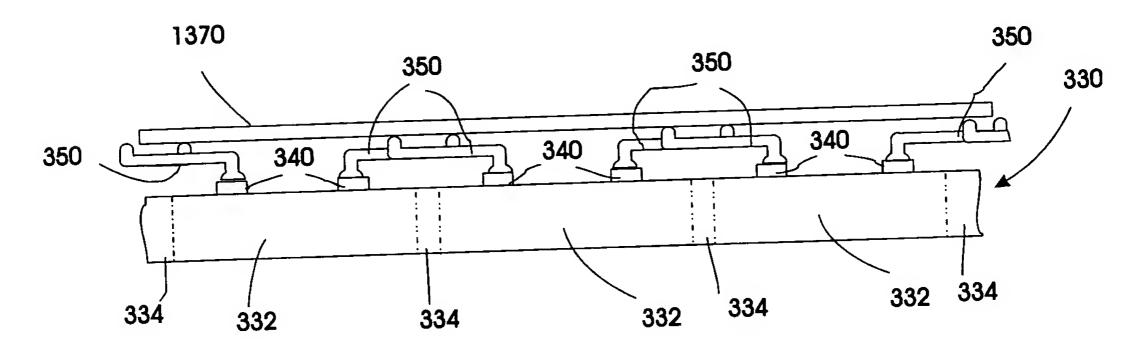


Figure 13B

"In hall fall fall all halls with the

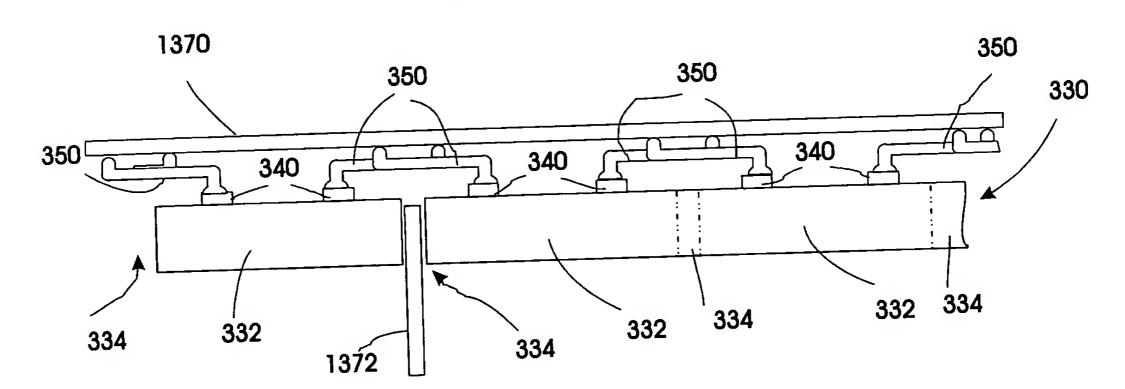


Figure 13C

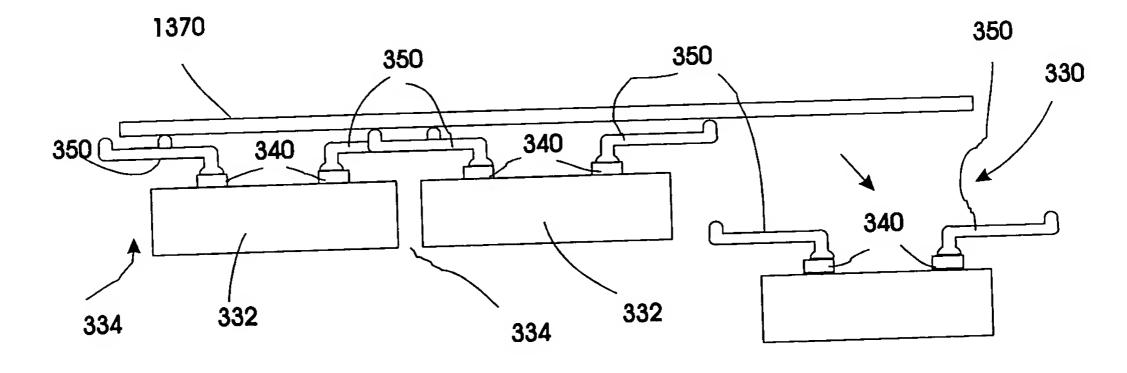


Figure 14A

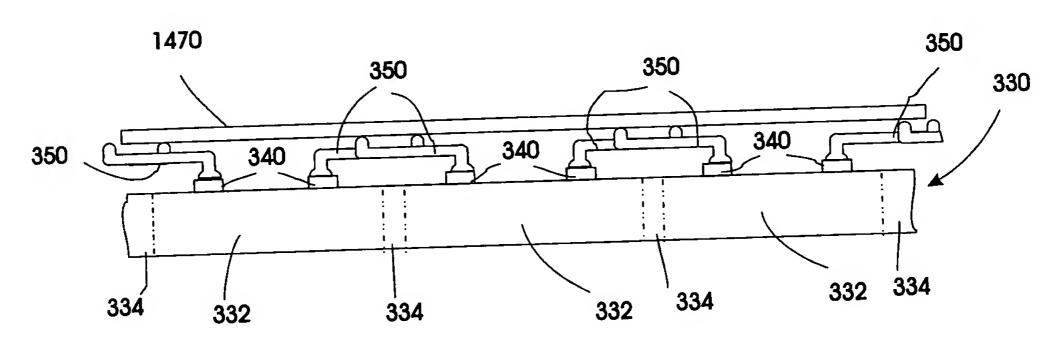


Figure 14B

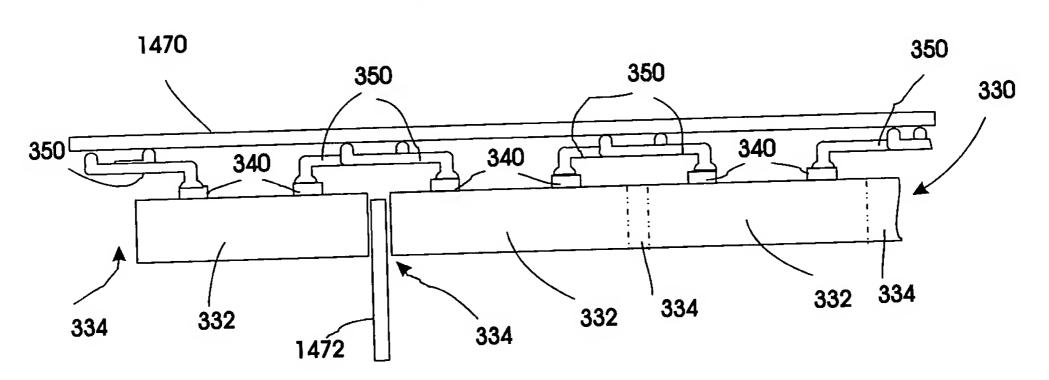


Figure 14C

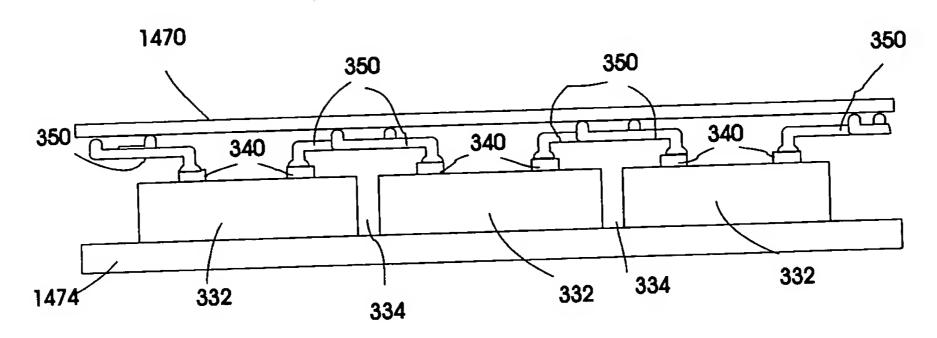
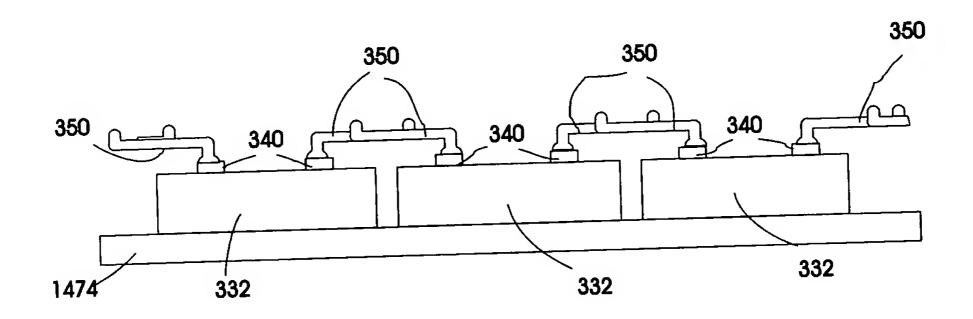
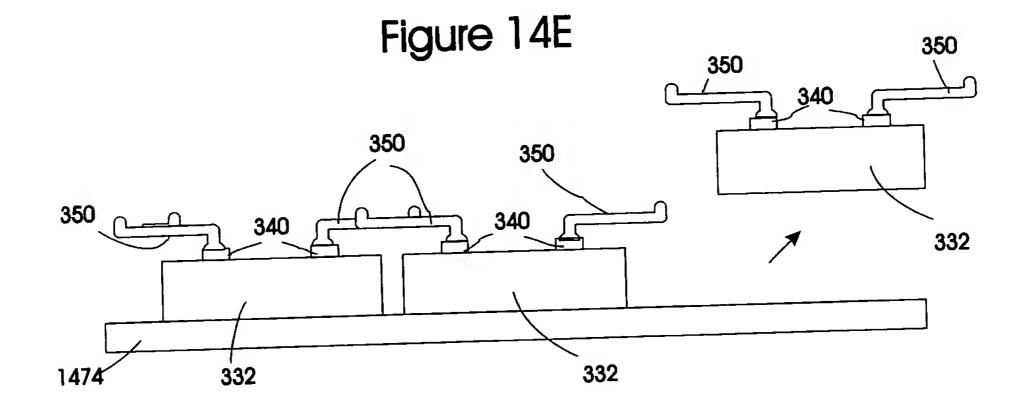


Figure 14D





FAN OUT OF INTERCONNECT ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 24 of 39

Figure 15A

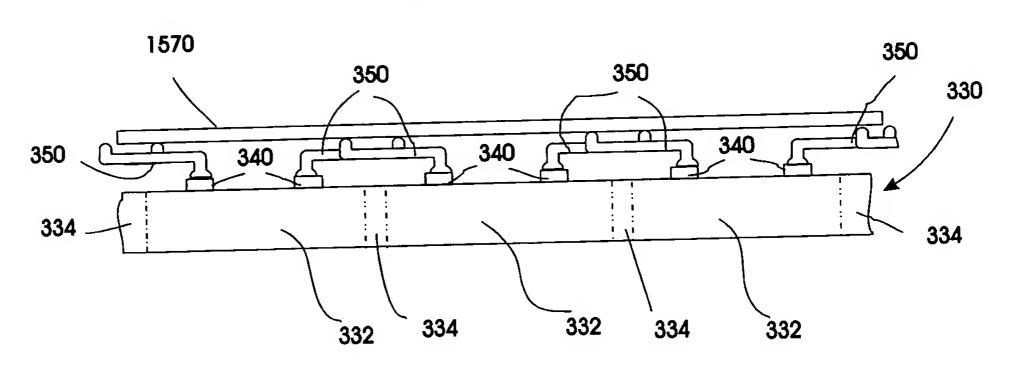


Figure 15B

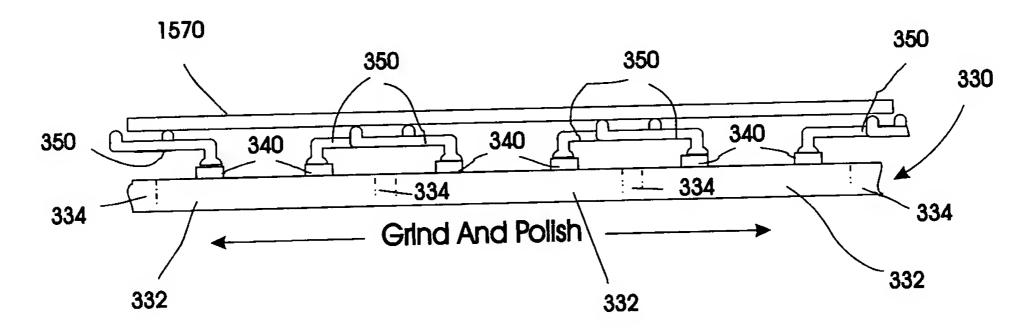


Figure 15C

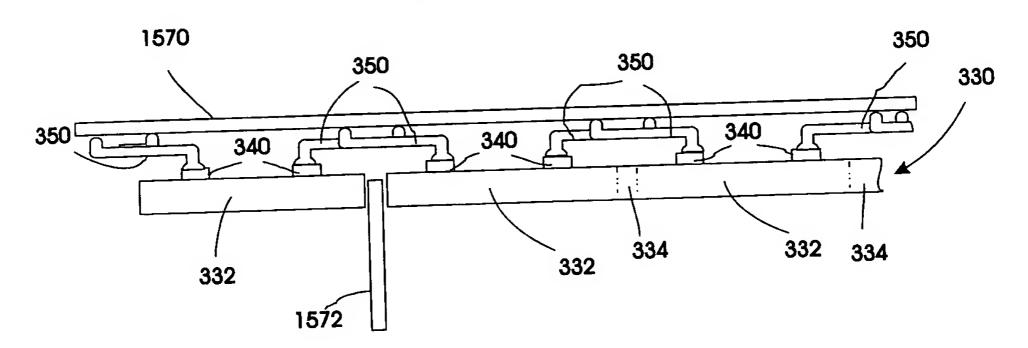
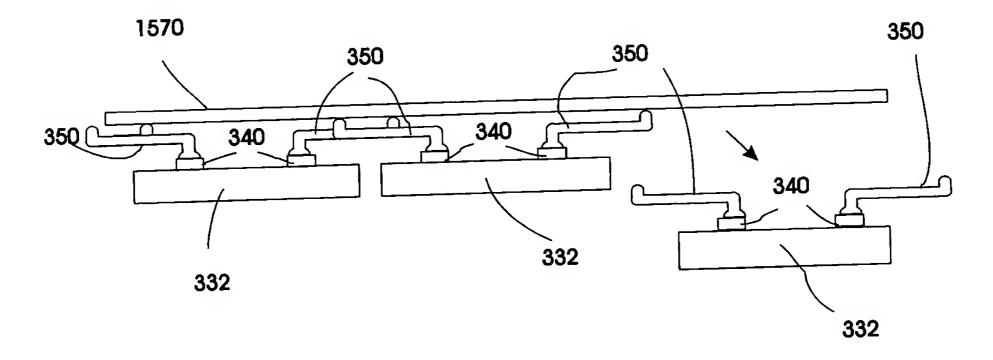


Figure 15D



FAN OUT OF INTERCONNECT ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 26 of 39

Figure 16A

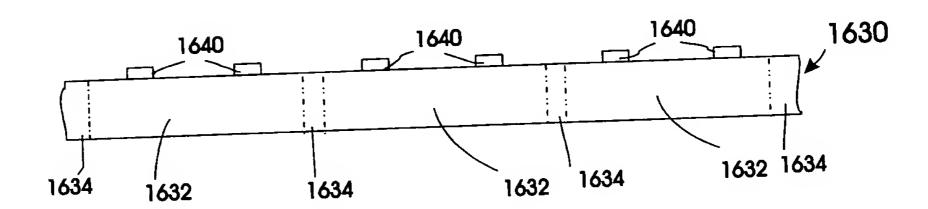


Figure 16B

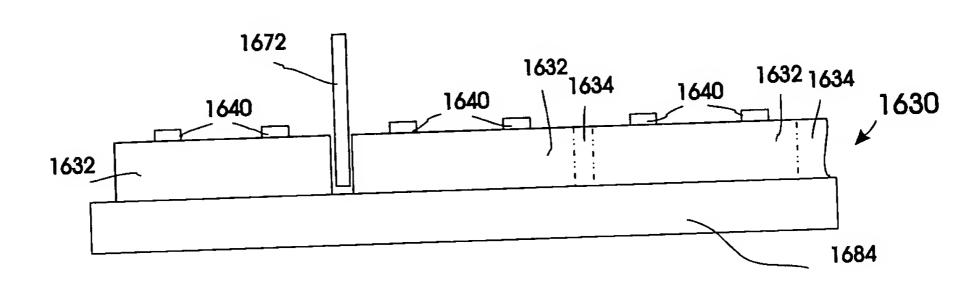
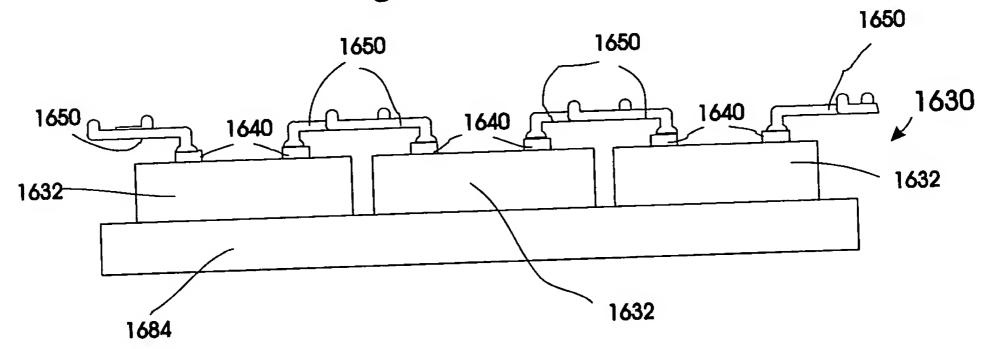


Figure 16C



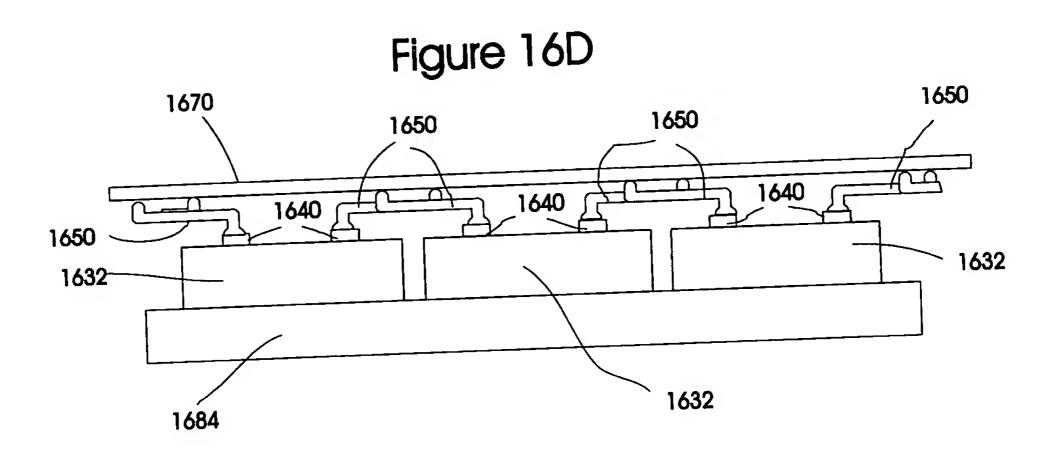


Figure 16E

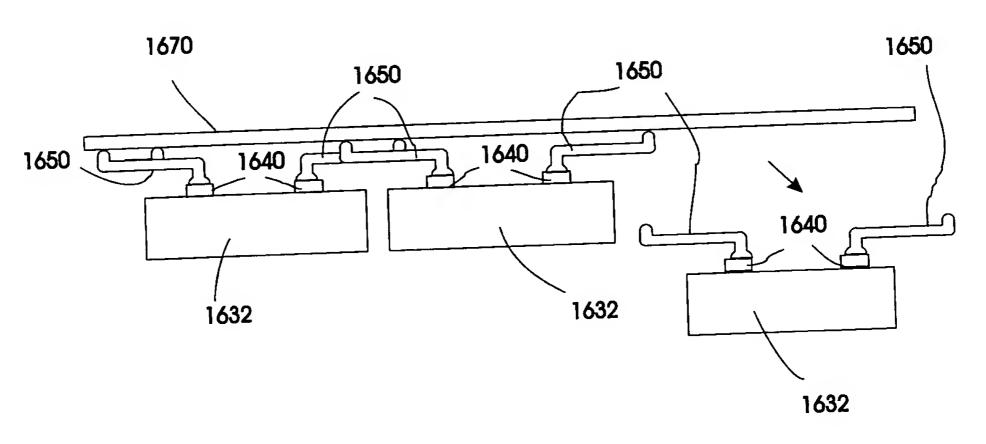
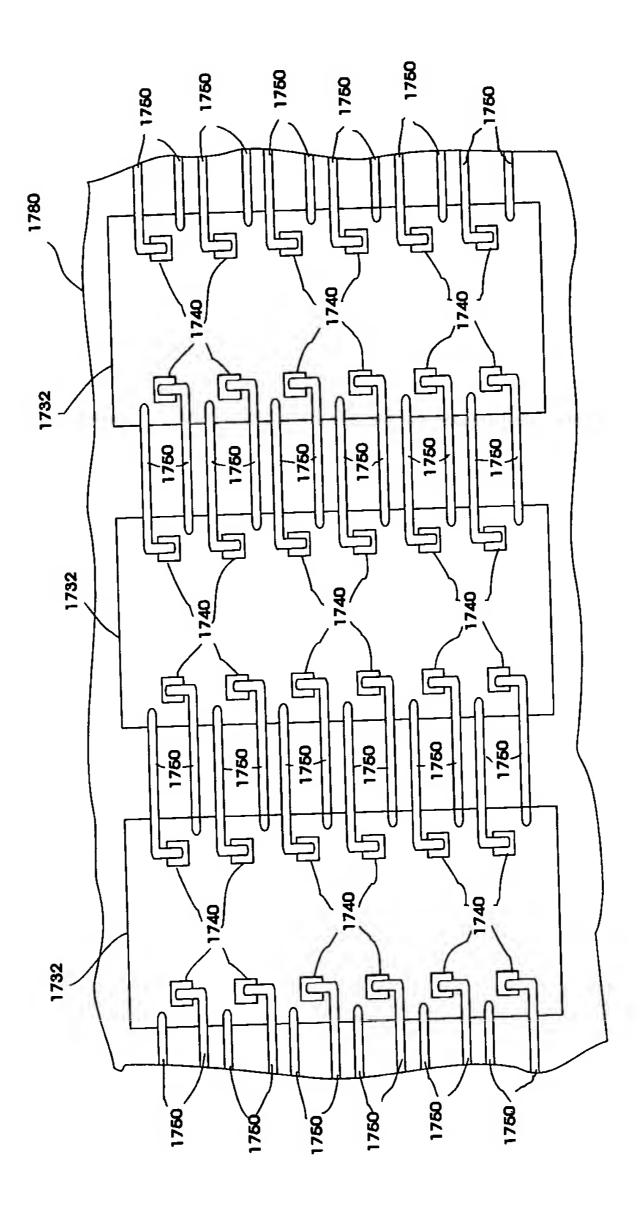
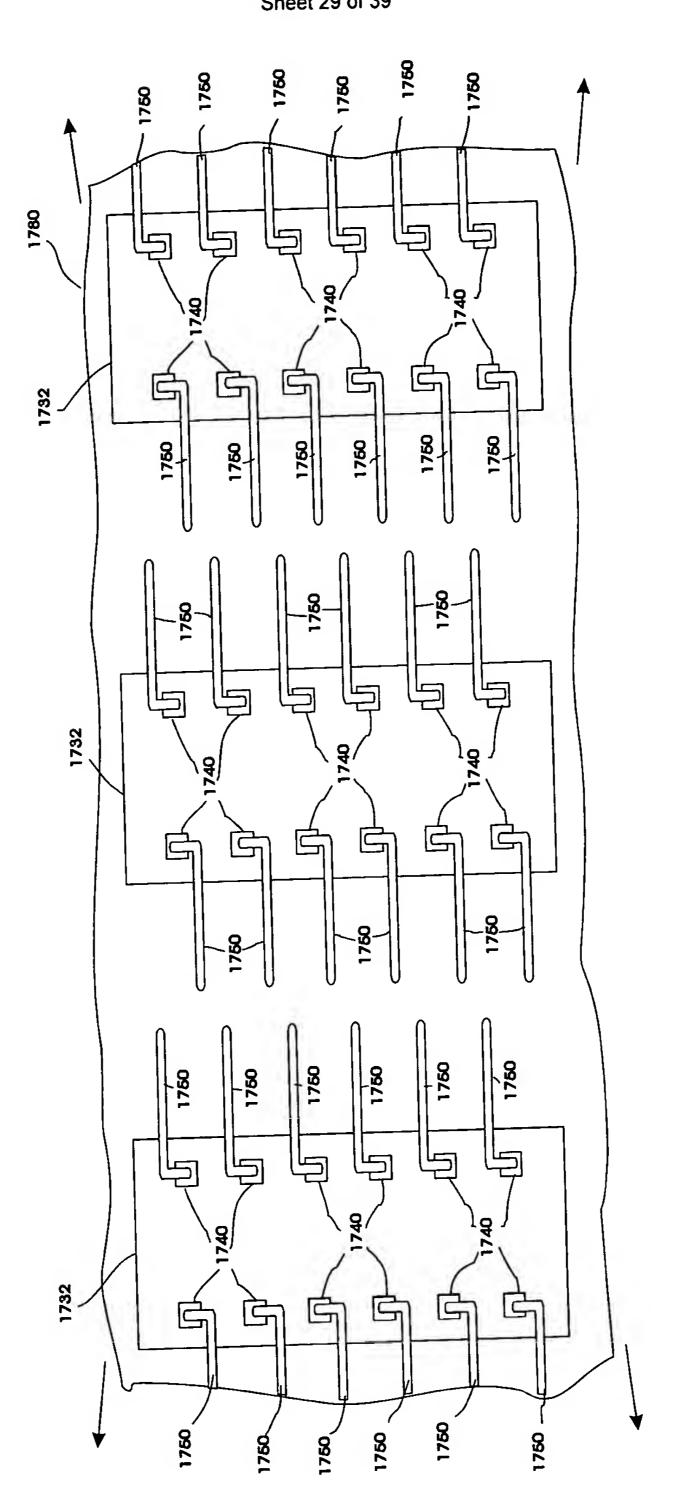


Figure 17A



ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 29 of 39

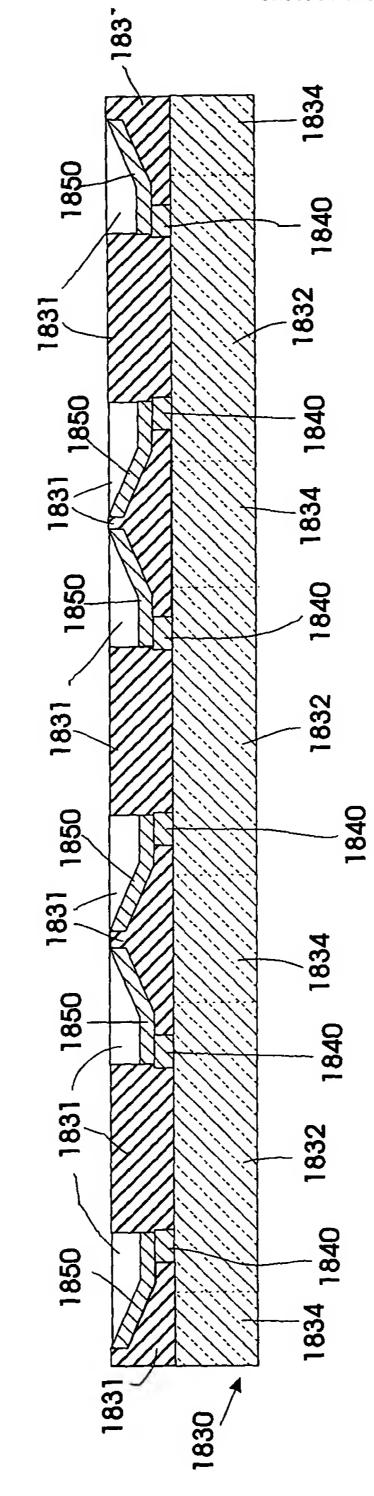




18B ◆

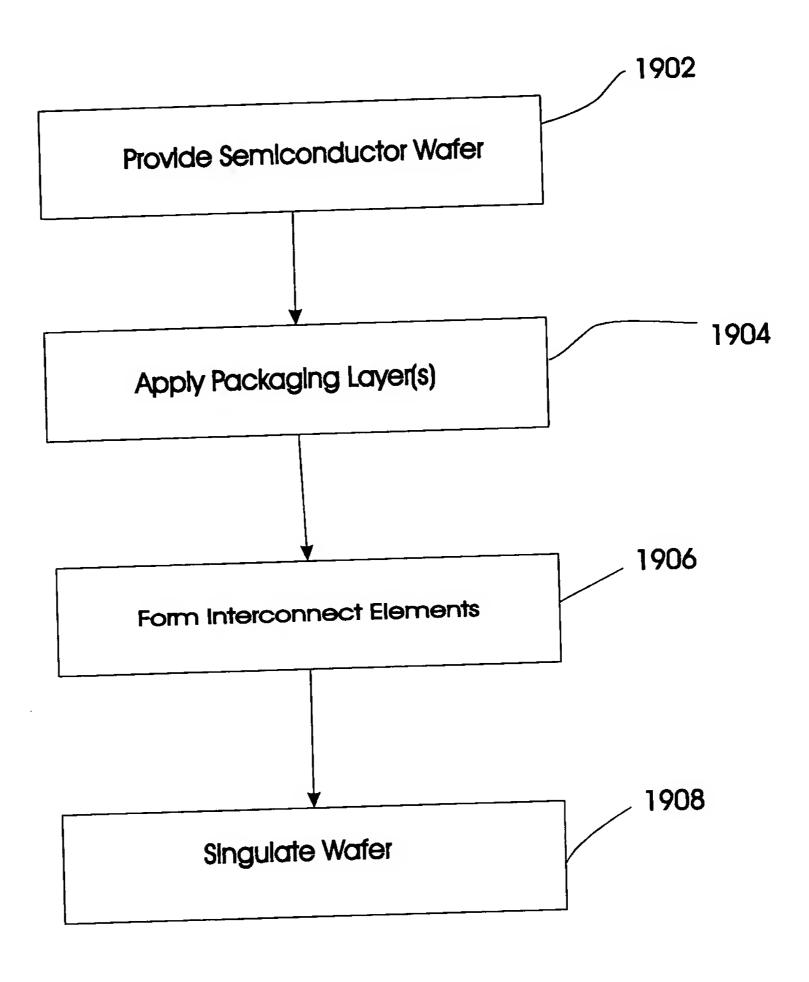
FAN OUT OF INTERCONNECT ELEMENTS ATTACHED SEMICONDUCTOR WAR Express Mail No: 438390726US Sheet 31 of 39

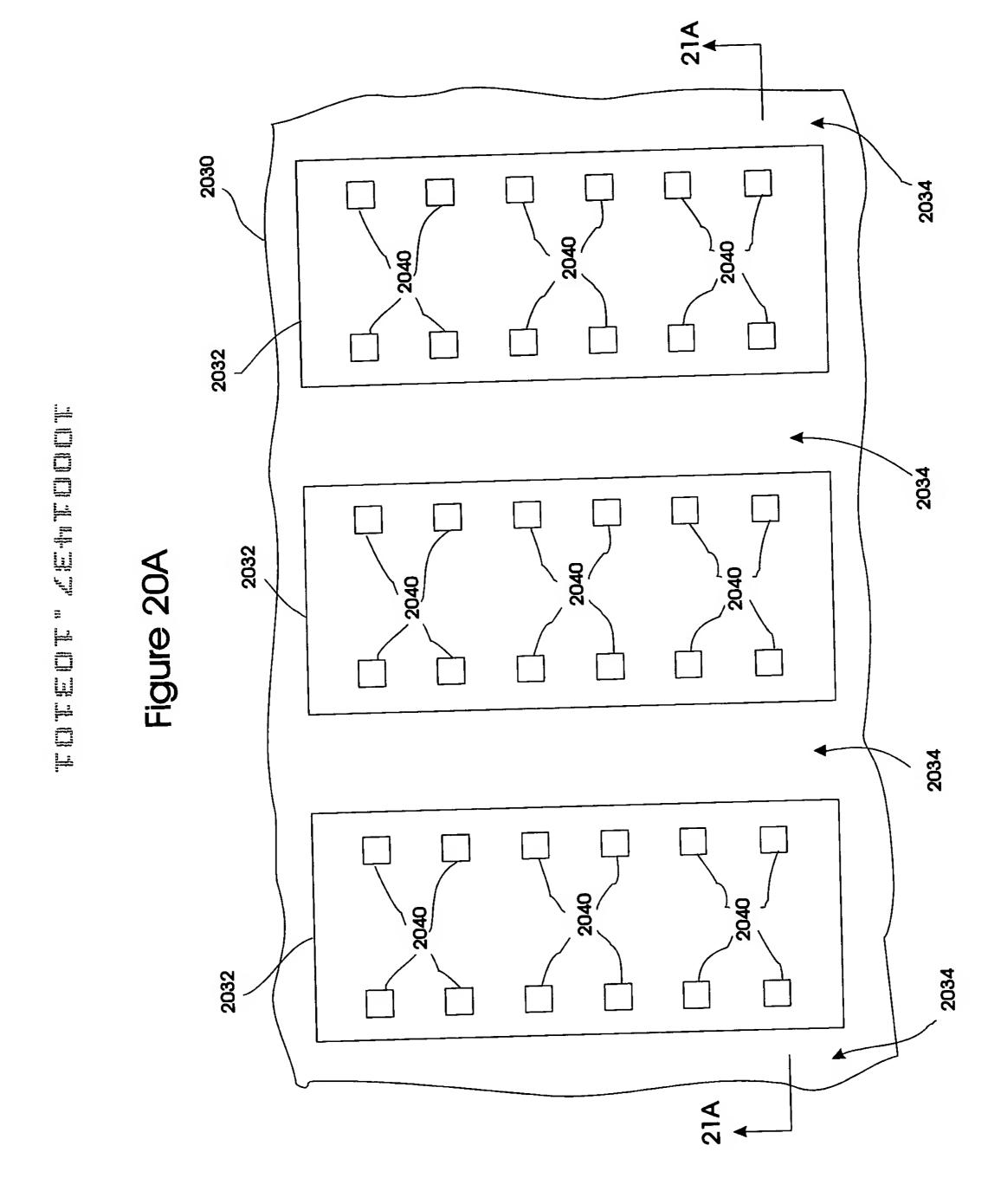
Figure 18B

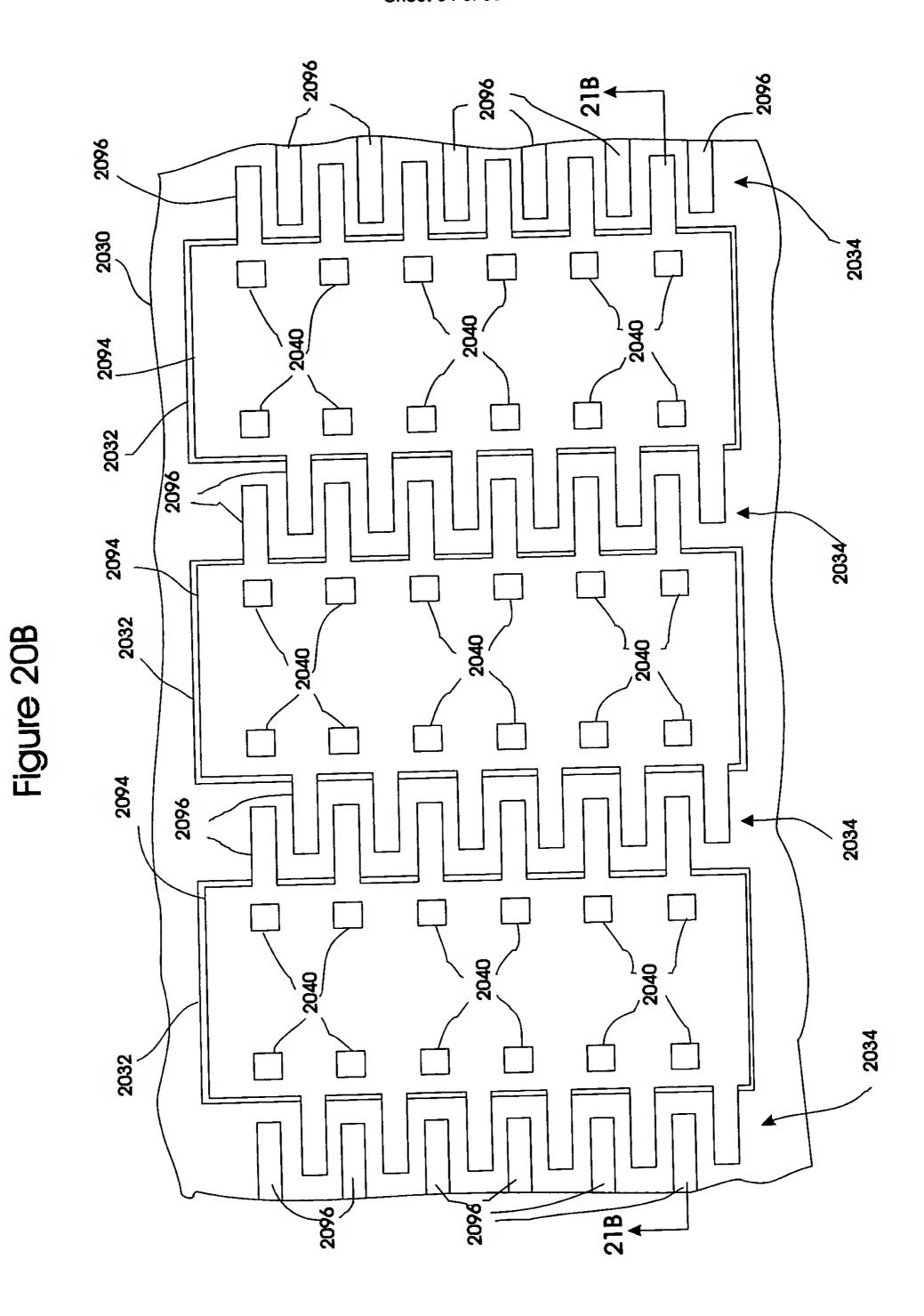


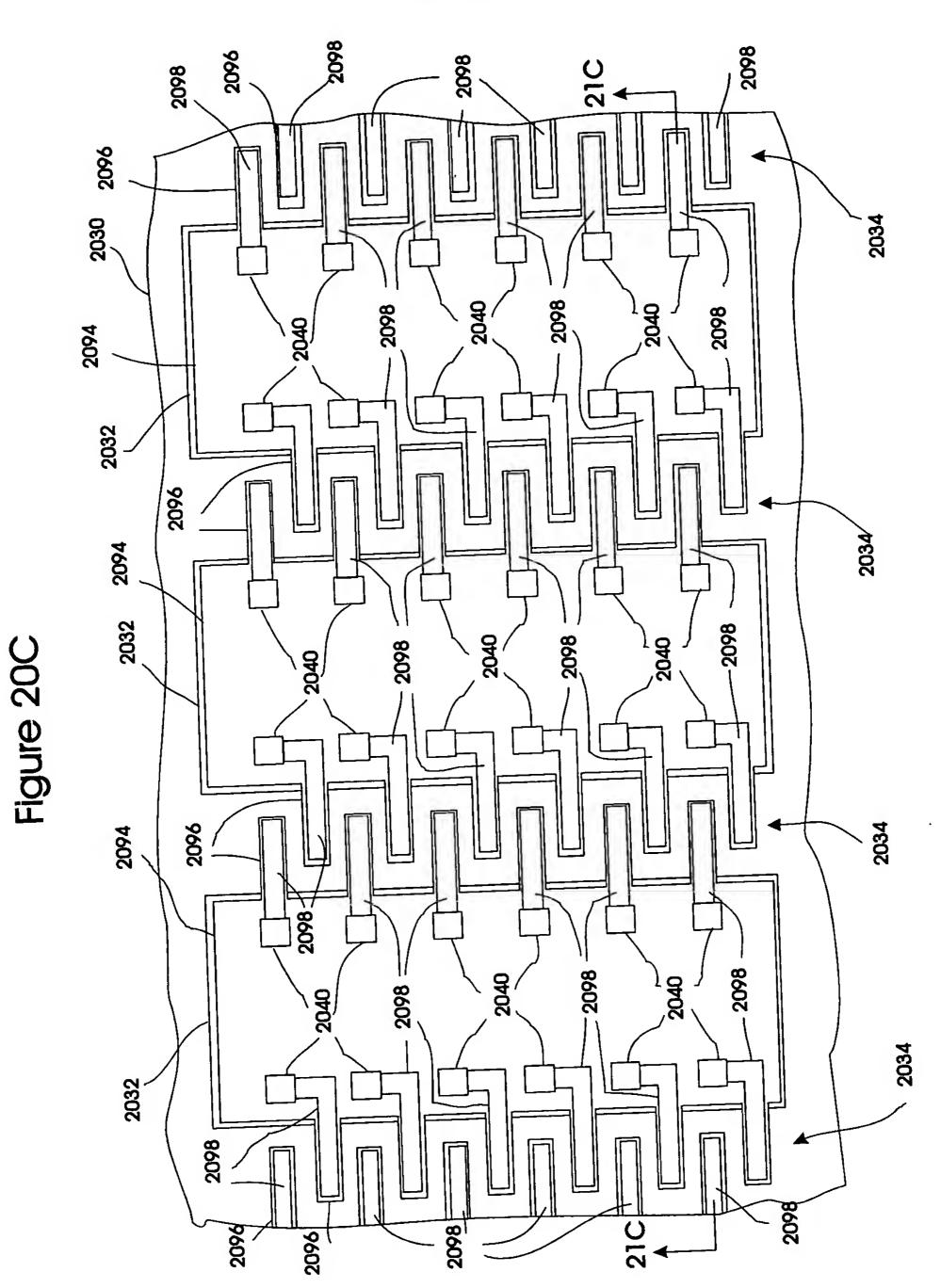
ELEMENTS ATTACHED TO SEMICONDUCTOR WAFER Express Mail No: 438390726US Sheet 32 of 39

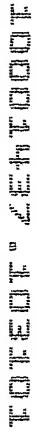
Figure 19











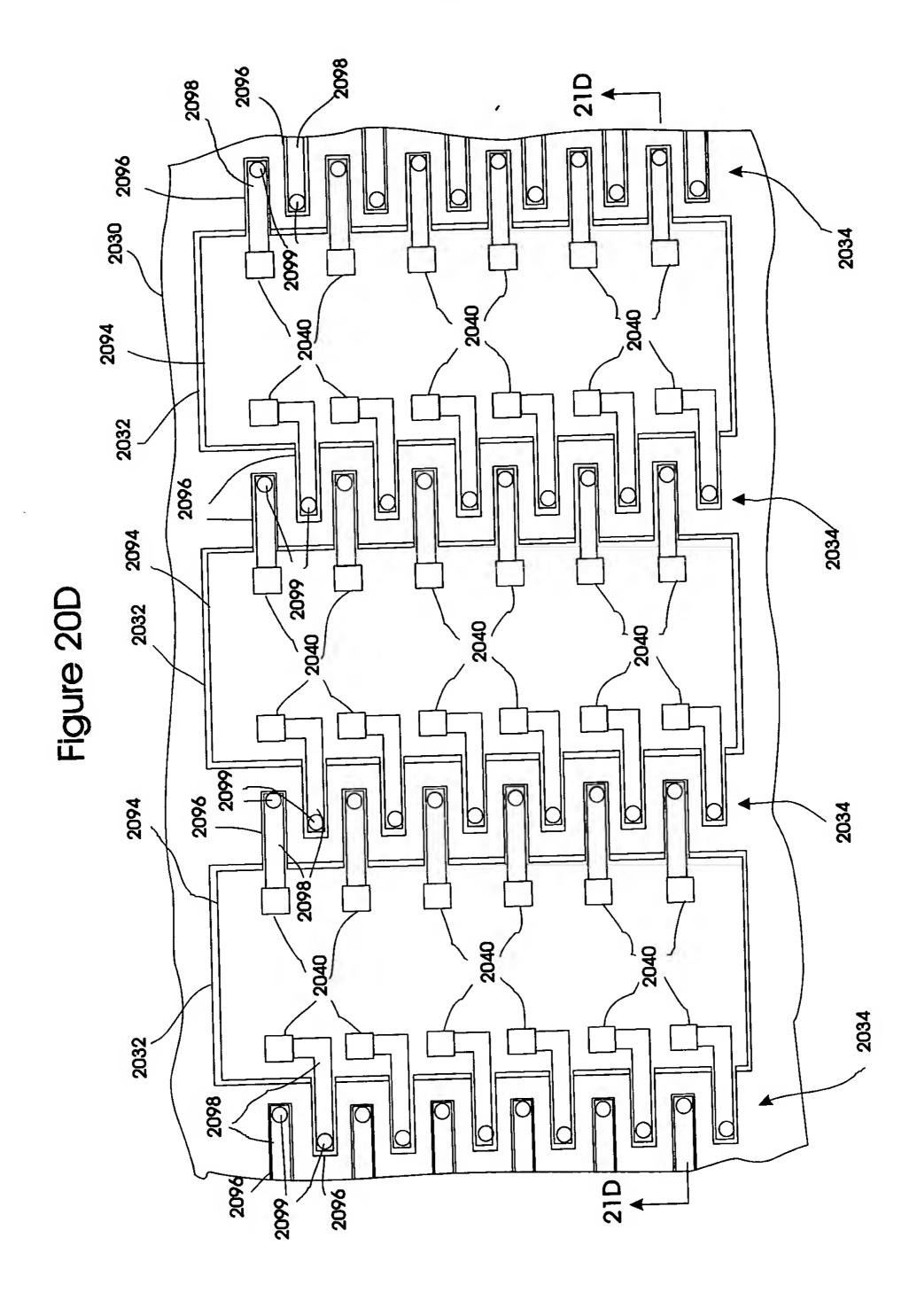


Figure 21A

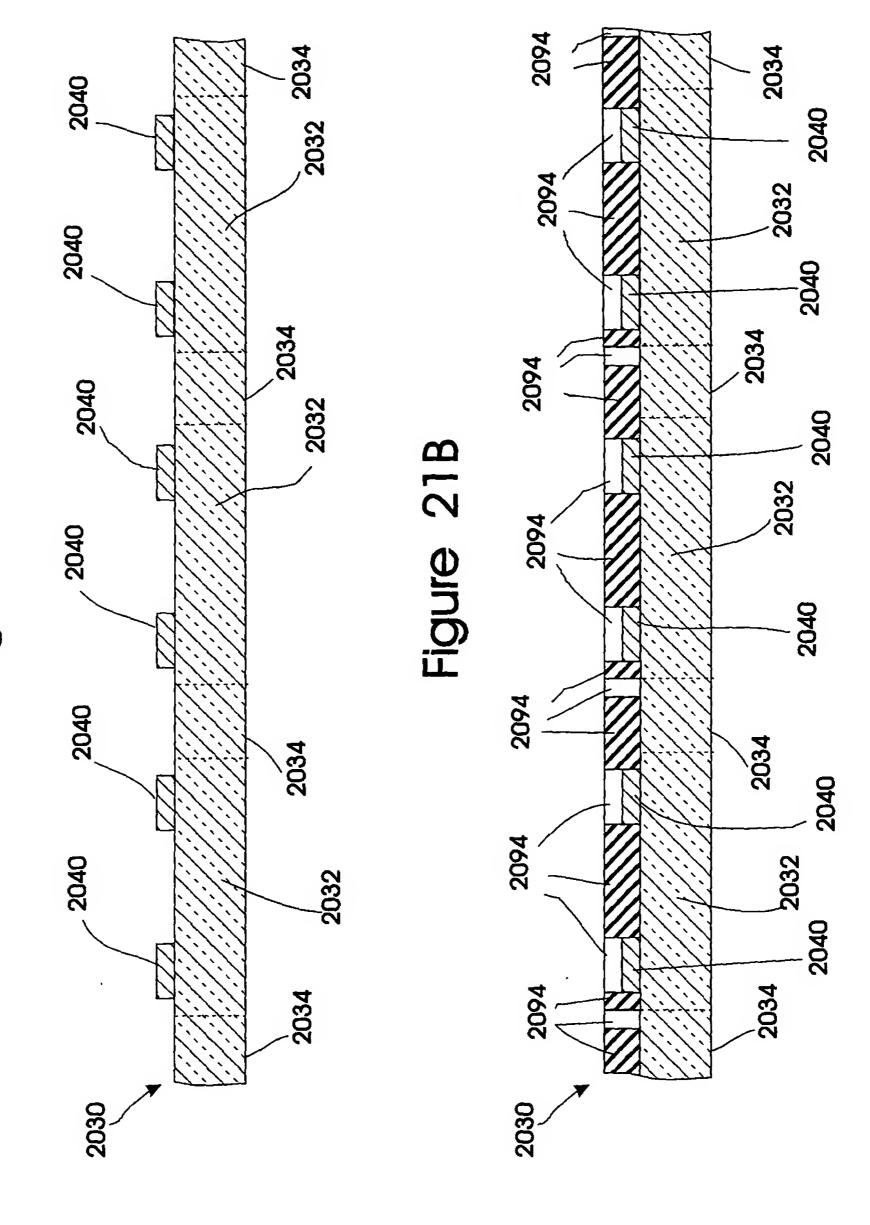


Figure 21D

n 1 1

FIGURE 21C

